

ABSTRACT

CIRCUIT ARRANGEMENT FOR A MOBILE TELEPHONE

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A circuit arrangement for use with a mobile telephone includes a transmitting circuit. The transmitting circuit includes a first signal line that corresponds to a first frequency band, a second signal line that corresponds to a second frequency band, a switch that connects an antenna to one of the first and second signal lines, a first amplifier in series with the first signal line, and a second amplifier in series with the second signal line. A first band-pass filter is between the first amplifier and the switch. The first band-pass filter has a frequency range that corresponds to the first frequency band. A second band-pass filter is between the second amplifier and the switch. The second band-pass filter has a frequency range that corresponds to the second frequency band.

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